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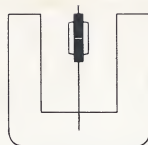
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2 amps this size

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**in power zeners:** 5 watts this size  
3 watts this size

**FIRST**

**in high voltage assemblies:** 7500 volts @ 2 amps

**FIRST**

**in fast recovery rectifiers:** 2 amps this size  
recovers in 75 Nsec

**FIRST**

**in radiation resistant diodes:** 2 amps this size  
@  $2 \times 10^{14}$  NVT

**High surge capability:** 100 amp or 250 watt this size

**Stability:**

All parts meet initial specifications for each parameter after 2000 hours life test at 100°C at full rating

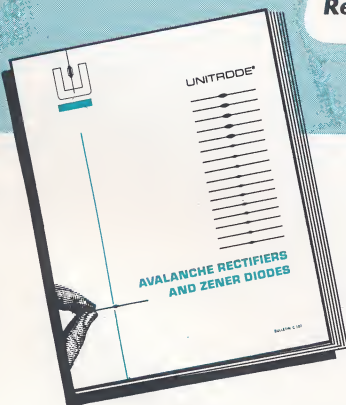
**Controlled avalanche:**

Equal surge capability in both forward and reverse directions

**Reliability:**

Failure rate  $< 0.0052\%/1000$  hours at 60% confidence without acceleration factors

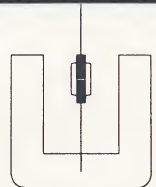
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- Technical Specifications
- Mounting Data



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recovers in 75 Nsec

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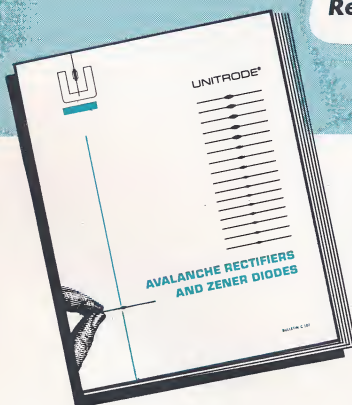
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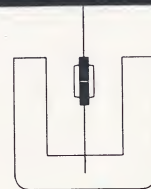
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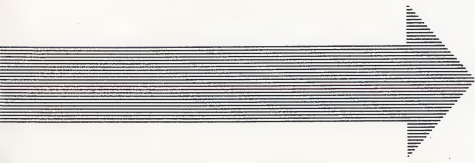


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